

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

January 21, 2015

Mr. Steven K. Ditto  
Regulatory Affairs Specialist  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4319

Subject: Amended Reregistration Label  
Product Name: Pyroicide General Purpose Aqueous Spray 74402  
EPA Registration Number: 1021-1796  
EPA Decision Numbers: 412439 and 410913

Dear Mr. Ditto:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Permethrin RED, and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below. Any CSFs other than those listed below are superseded.

- Basic CSF, dated July 1, 2011

A copy of your label is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

Please note that, should you wish to add/retain a reference to the company's website on your label, the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under section 12 (a)(1)(E) of FIFRA. 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not be substantially different from those claims approved through the registration process. Therefore, should the Agency find, or if it is brought to our attention that a website contains false or misleading statements or claims substantially different from the EPA-approved registration, the website will be referred to EPA's Office of Enforcement and Compliance Assurance (OECA). As an alternative, you may refer consumers to the company's phone number or e-mail address.

If you have any questions about this letter, please contact Rita Kumar at (703) 308-8291 or via e-mail at [kumar.rita@epa.gov](mailto:kumar.rita@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', enclosed within a hand-drawn oval.

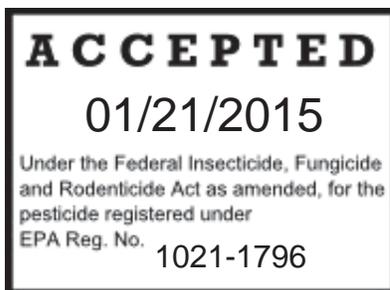
Kable Bo Davis, Product Manager 3  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

# **PYROCID<sup>®</sup> General Purpose Aqueous Spray 74402**

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MASTER LABEL

Sub Label A: Occupational Section



Manufactured by  
  
8810 Tenth Avenue North  
Minneapolis, MN 55427

# PYROCID<sup>®</sup> General Purpose Aqueous Spray 74402

[OCCUPATIONAL SECTION OF MASTER LABEL]

[ ] or ( ) Indicates alternate or optional wording

- [Contains the botanical insecticide Pyrethrum[, an extract of the Chrysanthemum flower]]
- [A micro-emulsion water-based spray]
- [Kills [controls] and repels Stable Flies, Horse Flies, Face Flies, Deer Flies, House Flies, Mosquitoes, and Gnats]
- [Kills Black Widow Spiders and Black Carpenter Ants]
- [Quick-killing pyrethrum controls crawling and flying insects in homes, schools, hospitals, and other listed areas]
- [Controls Fleas and Ticks indoors and around pet areas]
- [Controls Deer Ticks and other Ixodid species that may carry and transmit Lyme disease]
- For use in Animal Quarters, Dairies, Milk Rooms, Milking Parlors, Calving Areas, and Dairy and Hog Barns
- For use on Beef Cattle, Dairy Cattle, Horses, Hogs, Poultry, and other listed livestock
- [Kills Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus]
- [Controls 10 Listed Species of Insects]
- [Kills Stink Bugs, Brown Marmorated Stink Bugs (BMSB), Asian Lady Beetles, Box Elder Bugs]

**ACTIVE INGREDIENTS:**

Pyrethrins .....	0.10%
* Piperonyl butoxide, Technical .....	1.00%
OTHER INGREDIENTS .....	98.90%
	100.00%

\*Equivalent to min. 0.8% (butylcarbityl) (6-propylpiperonyl) ether and 0.2% related compounds

PYROCID<sup>®</sup>, MGK<sup>®</sup> -registered trademarks of McLaughlin Gormley King Company

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> <li>Immediately call a poison control center or doctor.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give <b>any</b> liquid to the person.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.	

Manufactured by  
  
 8810 Tenth Avenue North  
 Minneapolis, MN 55427

EPA Reg. No. 1021-1796

EPA Est. No. 1021-MN-2

Net Contents: \_\_\_\_\_

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
**CAUTION**

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- Long-sleeve shirt,
- Long pants,
- Chemical resistant gloves made of any waterproof material , and
- Shoes and socks.

In addition to the above PPE, applicators using a high pressure hand wand in an enclosed area must wear at least a NIOSH-approved respirator with:

- A dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or
- Any R, P or HE filter.

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- A dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C), or
- A canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- A cartridge or canister with any R, P or HE filter.

#### USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

#### USER SAFETY RECOMMENDATIONS:

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. The product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Do not apply directly to water, to areas where surface water is present or intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use this product in or on electrical equipment because of shock hazard.

[Pyroicide® General Purpose Aqueous Spray 74402] contains the quick-killing botanical insecticide Pyrethrum, [an extract of Chrysanthemum flowers,] which provides rapid, effective control of insects upon direct contact, with the added benefit of flushing [repelling] these insects to aid in more complete control [kill]. This highly effective water-based formula can be used on flying and crawling insects indoors and outdoors.

[Pyroicide® General Purpose Aqueous Spray 74402] can be used to control fleas and ticks hidden in carpets, rugs, upholstery, draperies, floor cracks, and cabinets. Also controls Deer Ticks and other Ixodid species that may carry and transmit Lyme disease.

[Pyroicide® General Purpose Aqueous Spray 74402] can be used in homes, schools, hospitals, restaurants, and other listed areas to control [kill], on contact, listed crawling pests and is a fast, effective product for flying insect control. Pyrethrum has quick-killing ability with no persistent residue.

[Pyroicide® General Purpose Aqueous Spray 74402] can be used to reduce annoyance of mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, outdoors around homes, recreational areas, and other listed areas. Ideal for use prior to outdoor activities.

[Pyroicide® General Purpose Aqueous Spray 74402] can be used in food and non-food areas of food-processing plants, canneries, industrial installations, bakeries, rice and wheat mills, tobacco warehouses, grain elevators, warehouses, storage sites, and other listed areas to control [kill], on contact, listed crawling pests and is a fast, effective product for flying insect control.

[Pyroicide® General Purpose Aqueous Spray 74402] provides rapid kill of insects without objectionable residues.

FOR THE CONTROL OF INSECTS including :

Almond Moths, Angoumois Grain Moths, Ants, Asian Lady Beetles, Bed Bugs, Black Carpenter Ants, Black Flies, Black Widow Spiders, Blood Sucking Lice, Box Elder Bugs, Brown Dog Ticks, Brown Marmorated Stink Bugs (BMSB), Cadelles, Carpet Beetles, Cat Fleas, Cellar Spiders, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Clothes Moths, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Darkling Beetles, Deer Flies, Deer Ticks, Dermestid Beetles, Dog Fleas, Dried Fruit Beetles, Drugstore Beetles, Earwigs, Face Flies, Fannia Flies, Firebrats, Flat Grain Beetles, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, Hornets, Horse Flies, House Flies, Indian Meal Moths, Khapra Beetles, Lesser Grain Borers, Lesser House Flies, Lice, Med. Flour Moths, Merchant Grain Beetles, Midges, Miller Moths, Millipedes, Mosquitoes- including the Culex species that may carry and transmit the West Nile Virus, Palmetto Bugs, Pillbugs, Poultry Lice, Red Flour Beetles, Rice Flour Beetles, Rice Weevils, Rusty Grain Beetles, Saw-toothed Grain Beetles, Sheep Ticks, Silverfish, Skipper Flies, Small Flying Moths, Sowbugs, Spider Beetles, Stable Flies, Stink Bugs, Ticks that may carry and transmit Lyme disease, Tobacco Moths, Trogoderma Beetles, Warehouse Beetles, Wasps, Waterbugs, Yellow Jackets, Yellow Mealworms.

INDOOR AREAS for use in :

Animal Areas, Animal Control Centers, Animal Quarters, Animal Shelters, Apartments, Atriums, Attics, Auditoriums, Automobiles, Bakeries, Bars, Basements, Bathrooms, Bedding, Bedrooms, Beef Barns, Beverage Plants, Boats, Bookcases, Bottling Plants, Breweries, Brewery Warehouses, Building Housing Animals, Buildings Housing Poultry, Buses, Cabinets, Cabins, Cafeterias, Calving Barns, Campers, Canneries, Carpets, Cat

Sleeping Quarters, Cattle Barns, Chests, Churches, Circus Tents, City Missions, Closed Porches, Closets, Clothes Storage, Club Houses, Commercial Buildings, Condominiums, Crawl Spaces, Credenzas, Crematoriums, Dairies, Dairy - Livestock Barns, Day Care Centers, Delicatessens, Dens, Department Stores, Diners, Dog Houses, Dog Sleeping Quarters, Dormitories, Draperies, Dressers, Dried Fruits in Storage, Drive-Ins, Drugstores, Dumpsters, Dwellings, Egg Processing Plants, Fabric Storage Areas, Factories, False Ceilings, Farm Structures, Floors, Food Storage Areas, Food-processing Plants, Freight Containers, Fruit Packing Sheds, Funeral Parlors, Furniture, Garages, Garbage Bins, Garbage Cans, Garbage Compactors, Gas Stations, Gazebos, Goat Holding Areas, Grain Elevators, Grain Handling Equip, Grain Harvesting Equip, Grain Mills, Grain Storage, Granaries, Grocery Stores, Hog Barns, Homes, Horse Stables, Horse Stables & Barns, Horse Trailers, Hospices, Hospitals, Hotels, Household Contents, Houses, Indoor Eating Buildings, Industrial Installations, Industrial Plants, Institutional Dining Areas, Institutions, Jails, Kennels, Kitchens, Laboratories, Laundromats, Lavatories, Libraries, Liquor Stores, Livestock Barns, Livestock Hauling Equip, Livestock Holding Areas, Living Rooms, Loafing Sheds, Locker Rooms, Marinas, Mattresses, Mausoleums, Meat Packing Plants, Mess Halls, Milk Houses, Milk Rooms, Milk Sheds, Milking Rooms, Mini Storage, Mobile Canteens, Mobile Homes, Morgues, Mortuaries, Motels, Movie Theaters, Museums, Nursing Homes, Office Buildings, Other Public Buildings, Outdoor Eating Buildings, Pantries, Parking Garages, Pet Bedding, Pet Carriers, Pet Grooming Parlors, Pet Sleeping Areas, Pet Stores, Play Houses, Play Rooms, Pool Halls, Porches, Poultry Houses, Poultry Plants, Pounds, Prisons, Public Storage, Quonset Huts, Rabbit Processing Plants, Railroad Cars, Recreational Vehicles, Research Animal Quarters, Restaurants, Retail Stores, Rice Mills, Rooms, Rugs, Schools, Seed Storage, Sheep Holding Areas, Ship Holds, Ships, Smoke Shops, Solariums, Sport Stadiums, Stable Bins, Stables, Storage Areas, Stored Food - bags, Stored Products, Stores, Sun Porches, Sun Rooms, Swine Houses, Taverns, Tents, Textile Mills - Warehouses, Theaters, Tobacco Factories, Tobacco Warehouses, Tool Sheds, Trailers, Trains, Transportation Vehicles, Tree Houses, Tree Nuts Storage Areas, Truck Trailers, Trucks, Tunnels, Utilities, Utility Rooms, Vending Machines, Verandas, Veterinaries, Voids in Attics, Warehouses, Washrooms, Wheat Mills, Wholesale Stores, Wine Cellars, Wineries, Zoos.

**OUTDOOR AREAS for uses in and around, :**

Alleys, Amphitheaters, Amusement Parks, Ant Hills, Back Yards, Balconies, Baseball Fields, Beaches, Bridges, Camp Sites, Campgrounds, Car Washes, Circuses, Construction Sites, Corrals, Courtyards, Curbs, Decks, Drive-In Restaurants, Drive-In Theaters, Dumpsters, Fair Grounds, Feedlots, Front Yards, Game Fields, Garbage Dumps, Gazebos, Grandstands, Junk Yards, Kennels, Lanais, Levees, Manholes, Manure Piles, Marinas, Outdoor Eating Establishments, Parking Lots, Parks, Patios, Playgrounds, Pantries, Recreational Areas, Rest Areas, Roadsides, Rooftops, Sanitary Sewers, Side Walks, Side Yards, Stadiums, Tennis Courts, Truck Stops, Underpasses, Utility Rooms - Outdoor, Weigh Stations, Wild Animal Parks, Wood Piles, Zoos.

**FOR USE ON :**

Beefalo, Birds, Buffalo, Calves, Cattle- Beef, Cattle- Dairy, Chickens, Donkeys, Ducks, Emus, Geese, Horses, Lambs, Llamas, Mules, Ostrich, Oxen, Pheasants, Pigs, Pullets, Quail, Ratites, Roosters, Sheep, Swine, Turkeys, Exotics such as European Red Deer.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Read all directions completely before use. For best results, follow directions for specific use areas. Do not use this product in or on electrical equipment due to possibility of shock. Avoid contamination of food and feedstuffs. Remove pets and birds and cover fish aquariums before spraying.

**PRECAUTIONS AND RESTRICTIONS:**

**Entry Restrictions:**

- For surface or direct spray use. Except when applying to livestock, do not enter or allow others to enter treated area until sprays have dried.
- For space spray use. Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

**Application Restrictions:**

- Except when applying to livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Except when applying to livestock, only protected handlers may be in the area during application.
- Do not make applications during rain.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- Do not wet articles to point of runoff or drip.
- Do not use treated article until spray has dried.
- Remove or cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.
- Do not water the treated area to the point of run-off.
- When used in dairy barns or facilities: Close milk bulk lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- Do not make space spray applications when facility is in operation.
- Prior to space spray applications, cover or remove food.
- Prior to space spray applications, cover food processing surfaces or clean after treatment and before use.
- Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- Except when applying to sewers or drains as instructed on this label, do not apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Except for use with outdoor fogging devices, all outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  - Treatment to soil or vegetation around structures;
  - Applications to lawns, turf, and other vegetation;
  - Applications to building foundations, up to a maximum height of 3 feet.
- Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks and patios are limited to spot and crack-and-crevice applications only.

- Not for use in outdoor residential misting systems (indoor or outdoor)."

#### GENERAL:

The use of this product in food-processing establishments should be confined to time periods when the plant is not in operation. Food should be removed or covered during treatment. All food-processing surfaces should be covered during treatment or thoroughly cleaned before using.

For maximum effectiveness, follow the application instructions and use a combination of spot, surface, and fogging treatments.

**SPACE SPRAYING:** Use with conventional mechanical or compressed air equipment to kill exposed accessible stages of, : Flies (including Fruit Flies), Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Box Elder Bugs, Earwigs, Ants, and the following common Stored Product Pests: Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Meal Worms, Dark Meal Worms, Grain Mites, Cadelles, Red Flour Beetles, and other listed insects. Close room and shut off air conditioning or ventilating equipment. Apply undiluted at the rate of 1–1.5 fluid ounces per 1000 cubic feet of space. Direct spray toward ceiling and upper corners of room. Leave room closed for one-half (½) hour and ventilate thoroughly before re-entry.

**SURFACE SPRAYING:** To kill Cockroaches, Ants, Asian Lady Beetles, Brown Marmorated Stink Bugs (BMSB), Box Elder Bugs, Stink Bugs, Silverfish, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Saw-toothed Grain Beetles, Spiders Beetles, Cigarette Beetles, and other listed insects, use a sprayer adjusted to a coarse, wet spray. Mix well and apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft] [apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft]

First direct spray into all cracks and crevices, and then behind all equipment, cupboards, obstructions or dark harborage areas, walls, and floors, underneath sinks, behind pipes, beneath stoves and refrigerators, around garbage cans and cabinets, along baseboards, door sills, window sills, door and window frames and floors, around and on drains, pipes, and plumbing, behind bookcases, storage, and other utility installation areas and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Do not allow spray to contact stored food. To kill ants, treat doors and around window frames and other areas of entry. Spray on ants whenever possible.

**CLOTHES MOTHS:** Remove any infested articles from storage. Brush thoroughly and air for several hours in sunlight, if possible. Apply liberally to empty chests, closets, bureaus, and other storage areas, directing the spray into cracks, joints, and crevices. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft]

**CARPET BEETLES:** Directly spray as many insects as possible. Spray all surfaces of upholstered furniture. Thoroughly spray both top and bottom of rugs and carpets when possible. Also treat shelves, closets, floors, walls, windowsills, baseboards, areas under furniture, and wherever these insects are seen or suspected. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft]

**BED BUGS:** Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings, floors, walls, furniture, and other infested areas. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft]

**FOR USE IN LISTED PET AREAS:** Remove, destroy, or wash pet's old bedding. To reduce infestation, thoroughly spray animal's bedding, sleeping quarters, and kennel, around baseboards, window and door frames, wall cracks, local areas of floors, and other resting places until the surface is slightly moist. . Also spray the entire inside surface of doghouses. Put fresh bedding in pet's quarters after spray has dried. Allow treated areas to dry thoroughly before allowing pets to re-enter. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft]

**FLEA AND TICK INFESTATION IN RUGS AND CARPETS:** Prior to use, vacuum all infested areas thoroughly and dispose of vacuum bag in outside trash. Spray rugs and carpets where fleas tend to hide, usually where animals frequent. Spray thoroughly into hiding places such as cracks and crevices, in walls and along floors, baseboards, and window and door frames. To kill ticks and other labeled insects, apply directly to pests. Treat pets with an EPA registered [brand name] product in conjunction with this application. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft]

For best results and to protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick products, ([such as] [brand name] flea or flea and tick collar, [brand name] pet powder [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick pet shampoo) in conjunction with this application.

**FOR USE IN CANNERIES:** Prior to bringing in produce, thoroughly clean floors, conveying equipment, and walls, paying special attention to cracks and crevices. Spray the entire space inside the cannery, including walls, ceilings, and floors, paying special attention to forcing the spray into all cracks and crevices for the control of Ants, Cockroaches, Silverfish, Crickets, Spiders, Fruit Flies, Moths, House Flies, Cheese Mites, and other listed insects.

**FOR USE IN FOOD AND NON-FOOD AREAS OF FOOD-PROCESSING PLANTS, Industrial installations, Bakeries, Rice and Wheat Mills, Restaurants, Tobacco Warehouses, Grain Elevators, and Warehouses:** Spray as directed to control listed flying and crawling insects. The use of this product in food-processing or food-handling establishments should be confined to time periods when the plant is not in operation. Food should be covered or removed during treatment.

**DRIED FRUIT PRODUCTS in storage or being processed:** For control of, : Almond Moths, Ants, Cereal Beetles, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Earwigs, Flies, Fruit Flies, Fungus Gnats, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Saw-toothed Grain Beetles, Silverfish, Dried Fruit Beetles, Warehouse Beetles, Khapra Beetles, and other listed insects. Do not apply directly to fruit. Apply as a fine mist or fog in the air above and around trays, bins, and shelves containing fruit at the rate of 1–10 fluid ounces per 1000 cubic feet of space.

**TREATMENT OF STORED FOOD AREAS:** Foods in multi-walled bags, cloth bags, or other packaging stored in such areas as , , listed areas: For control of accessible adult stages of of , : Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Khapra Beetles, and other listed pests. Infested stored products should be destroyed, fumigated, or treated by other effective methods using an approved product intended for this purpose. As noted above, disperse first by directing spray into cracks and crevices, corners, pallets, and around stacks or packaged goods, hitting as many insects as possible. Then apply as a space spray at a dosage of 1–1.5 fluid ounces per 1000 cubic feet of room space. Do not remain in treated area and ventilate before re-entry.

**ON PEANUTS, NUTS, BEANS, SEEDS IN BULK, BAGS, OR OTHER PACKAGING:** For control of accessible stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Khapra Beetles, and other listed insects, apply to the surface of stored or bagged products. Also thoroughly spray walls, floors, and other surfaces of bins and storage and handling areas, being especially careful to treat cracks, crevices, and similar hiding places. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft] Then apply as a space spray at the dosage of 1—1.5 fluid oz. per 1000 cubic feet of room space. Direct the spray toward the ceiling and upper corners of the area and behind any obstructions.

**FOR USE IN MEAT AND POULTRY PLANTS:** Apply with conventional mechanical or compressed air equipment at the rate of 1–1.5 fluid ounces per 1000 cubic feet of room space. Apply spray into all cracks and crevices in woodwork, walls, and floors, and underneath sinks, behind pipes, and in all places that shelter insects. Contact as many insects as possible. Repeat as necessary. Before use, cover or remove exposed food products and packaging materials. After use, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water. Use as a space spray only when plant is not in operation.

**FOR IN TRANSIT PROTECTION:** To control accessible stages of listed insects, clean and spray truck beds, boxcars, ship holds and other listed transit equipment before loading. Thoroughly treat walls and floors and lightly spray each layer of stacked carton or containers. Apply at the rate of 1 gallon per 750 square feet of space. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft]

#### **FOR USE IN STORAGE FACILITIES AND EQUIPMENT:**

**SANITATION MEASURES:** This product can be used as a surface spray in warehouse bins, trucks, cargo ships, mills, bin hoppers, elevators, and conveying equipment as a cleanup prior to use. All grain-infested accumulations should be removed from bin hoppers in mills and elevators. All storage and conveying equipment should be thoroughly cleaned by sweeping out waste grain, cobwebs, and other debris from the walls and rafters as well as on the floor and doorframes, paying special attention to material lodged in cracks and crevices. All debris should be removed and disposed of in outside trash.

**FOR FARMS,** particular attention should be given to cleaning up grain residues from wagons, harvesting equipment, and feed troughs and around used feed and grain bags. Newly harvested grain should not be placed in the same bin with carry-over grain and all carry-over grain stocks that are not treated with grain protectant should be fumigated or treated with EPA approved products [such as] [brand name]. These cleaning operations should be done two to three (2–3) weeks before harvest.

After above sanitation measures have been employed, spray as directed.

**FOR USE IN ANIMAL QUARTERS, Barns, Dairies, Milking Parlors, Milking Rooms, Poultry Houses, and other listed animal areas.** For rapid control [kill] of Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Gnats, and other listed flying insects, spray at the rate of up to 5 fl oz. of undiluted product per 1000 cubic feet of space, directing the spray toward the ceiling and upper corners. Do not direct spray towards animals or birds. For best results, close doors and windows before spraying and keep them closed for 10–15 minutes. Applicator should vacate the treated area and ventilate it prior to returning.

#### **FOR USE ON LIVESTOCK:**

To protect Beef Cattle, Dairy Cattle, Horses, and other livestock from attacks and to kill and repel Stable Flies, Horse Flies, Deer Flies, House Flies, Horn Flies, Lesser House Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, and Gnats, spray about 3 seconds on each side of animal, being careful to thoroughly spray back, withers, and forelegs.

To protect from Face Flies, spray the face and hair or spray on a cloth and rub on the face, being certain to avoid contact with the eyes. Repeat treatment as necessary when flies are troublesome.

For effective control of Biting and Sucking Lice on Cattle, Horses, Sheep, Goats, and Hogs, spray to thoroughly wet the hair of the animal, including the head and brush of the tail. Repeat treatment in 10 days to kill newly hatched lice.

To control Poultry Lice and exposed stages of Darkling Beetles, thoroughly spray roosts, walls, nests, and cages, followed by spraying the birds with a fine mist.

For control of Bed Bugs and Mites on Poultry and in poultry houses, spray crevices of roost poles and cracks in walls and nests where Bed Bugs and Mites hide, followed by spraying the birds with a fine mist.

To control Sheep "Tick" or Ked, thoroughly wet all portions of the body by spraying directly into the wool. Treat at a rate to sufficiently wet the animal.

To kill Fleas and Ticks on livestock and to obtain protection against reinfestation, spray to sufficiently wet the animal.

FOR USE IN BARNs, DAIRIES, MILKING PARLORS, MILKING ROOMS, POULTRY HOUSES, and other listed animal housing areas: Do not use in milk rooms where raw milk may be exposed.

FOR USE WITH HAND-HELD MECHANICAL FOGGERS to control Houseflies, Horn Flies, Stable Flies, Horse Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Gnats, and other listed insects. Direct spray toward the ceiling and upper corners of the room until the area is filled with mist, approximately 2 fluid ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for 10–15 minutes after spraying. Applicator should vacate the treated area and ventilate it before reoccupying.

#### FOR USE THROUGH AUTOMATIC SPRAYING SYSTEMS

- Not for use in Residential areas.
- Do not use in nurseries or rooms where infants, ill, or aged persons are confined.
- Do not place metering device directly over or within 8 feet of exposed food, dishes, utensils, food processing equipment, and food handling or preparation.
- Do not install within 3 feet of air vents.
- Carefully follow directions for the dispenser unit when installing the dispenser and replacing cans or conducting maintenance.
- The maximum application rate for metered release devices is 0.00046 lb pyrethrin per 1000 cubic feet or 7 fl. oz. of undiluted product per 1000 cubic ft.

Automatic spraying systems must not be programmed to release pesticide where food or feed is directly exposed.

To Kill Houseflies, Horn Flies, Stable Flies, Horse Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Gnats, and other listed insects, set nozzles to deliver 1 fluid ounce per minute. Position nozzles to cover a maximum of 2000 cubic feet of space per nozzle. Set timer to operate in accordance with equipment directions.

OUTDOOR USE: This spray can be used as is or diluted at the rate of 1 part concentrate to 2 parts water for a concentration of 0.05% Pyrethrins.

Caution should be taken to avoid spraying when wind conditions might create a mist that can blow back to applicator. Do not apply this product in or around bodies of water. Do not spray directly on plants. Spray surfaces and contact as many insects as possible.

FLIES, GNATS, MOSQUITOES, SMALL FLYING MOTHS, MIDGES, small flying insects, and other flying insects: Hold container 18–24 inches from shrubs, bushes, grassy areas, and other areas infested with these pests. Do not apply directly to plants. Spray with a slow, sweeping motion while moving away from the treated area. To reduce annoyance from these pests, treat open porches and patios in a similar manner. Kills and repels Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Midges, Gnats, and, when used intermittently during outdoor activities, will keep surrounding areas free from these pests. Allow spray to dissipate before occupying the treated area.

ANTS (including Black Carpenter Ants): Spray ant trails, anthills, and other areas of entry and infestation. Spray on ants where possible.

SPIDERS: Spray directly on spiders and webs.

SOWBUGS, MILLIPEDES, BEETLES, EARWIGS, Asian Lady Beetles, Brown Marmorated Stink Bugs (BMSB), Box Elder Bugs, Stink Bugs, Pillbugs, Centipedes, Scorpions, Cockroaches, Crickets, Waterbugs, and Palmetto Bugs: Thoroughly spray surfaces and into hiding places such as cracks, crevices, moist areas, openings around pipes, spigots, storage areas, sheds, and other areas where these pests tend to congregate.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

### Pesticide Storage

Store in a cool, dry area. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

### Pesticide Disposal

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

### Container Handling

Nonrefillable container. Do not reuse or refill this container.

[For containers with capacities of 5 gallons or less:]

[Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.]

[For containers with capacities greater than 5 gallons:]

[Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.]

# **PYROCID<sup>®</sup> General Purpose Aqueous Spray 74402**

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MASTER LABEL

Sub Label B: Consumer/Residential Section

Manufactured by  
  
8810 Tenth Avenue North  
Minneapolis, MN 55427

# PYROCID<sup>®</sup> General Purpose Aqueous Spray 74402

[RESIDENTIAL SECTION OF MASTER LABEL]

[ ] or ( ) Indicates alternate or optional wording

- [Contains the botanical insecticide Pyrethrum[, an extract of the Chrysanthemum flower]]
- [A micro-emulsion water-based spray]
- [Kills [controls] and repels Stable Flies, Horse Flies, Face Flies, Deer Flies, House Flies, Mosquitoes, and Gnats]
- [Kills Black Widow Spiders and Black Carpenter Ants]
- [Quick-killing pyrethrum controls crawling and flying insects in homes, schools, hospitals, and other listed areas]
- [Controls Fleas and Ticks indoors and around pet areas]
- [Controls Deer Ticks and other Ixodid species that may carry and transmit Lyme disease]
- For use on, Horses,
- [Kills Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus]
- [Controls 10 Listed Species of Insects]
- [Kills Stink Bugs, Brown Marmorated Stink Bugs (BMSB), Asian Lady Beetles, Box Elder Bugs]

**ACTIVE INGREDIENTS:**

Pyrethrins .....	0.10%
* Piperonyl butoxide, Technical .....	1.00%
OTHER INGREDIENTS .....	98.90%
	100.00%

\*Equivalent to min. 0.8% (butylcarbityl) (6-propylpiperonyl) ether and 0.2% related compounds

PYROCID<sup>®</sup>, MGK<sup>®</sup> -registered trademarks of McLaughlin Gormley King Company

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give <b>any</b> liquid to the person.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.	

Manufactured by



8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1796

EPA Est. No. 1021-MN-2

Net Contents: \_\_\_\_\_

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

#### ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. The product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

Do not apply directly to water, to areas where surface water is present or intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use this product in or on electrical equipment because of shock hazard.

[Pyrocide® General Purpose Aqueous Spray 74402] contains the quick-killing botanical insecticide Pyrethrum, [an extract of Chrysanthemum flowers,] which provides rapid, effective control of insects upon direct contact, with the added benefit of flushing [repelling] these insects to aid in more complete control [kill]. This highly effective water-based formula can be used on flying and crawling insects indoors and outdoors.

[Pyrocide® General Purpose Aqueous Spray 74402] can be used to control fleas and ticks hidden in carpets, rugs, upholstery, draperies, floor cracks, and cabinets. Also controls Deer Ticks and other Ixodid species that may carry and transmit Lyme disease.

[Pyrocide® General Purpose Aqueous Spray 74402] can be used in homes, schools, hospitals, restaurants, and other listed areas to control [kill], on contact, listed crawling pests and is a fast, effective product for flying insect control. Pyrethrum has quick-killing ability with no persistent residue.

[Pyrocide® General Purpose Aqueous Spray 74402] can be used to reduce annoyance of mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, outdoors around homes, recreational areas, and other listed areas. Ideal for use prior to outdoor activities.

[Pyrocide® General Purpose Aqueous Spray 74402] can be used in food and non-food areas of food-processing plants, canneries, industrial installations, bakeries, rice and wheat mills, tobacco warehouses, grain elevators, warehouses, storage sites, and other listed areas to control [kill], on contact, listed crawling pests and is a fast, effective product for flying insect control.

[Pyrocide® General Purpose Aqueous Spray 74402] provides rapid kill of insects without objectionable residues.

#### FOR THE CONTROL OF INSECTS including :

Almond Moths, Angoumois Grain Moths, Ants, Asian Lady Beetles, Bed Bugs, Black Carpenter Ants, Black Flies, Black Widow Spiders, Blood Sucking Lice, Box Elder Bugs, Brown Dog Ticks, Brown Marmorated Stink Bugs (BMSB), Cadelles, Carpet Beetles, Cat Fleas, Cellar Spiders, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Clothes Moths, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Darkling Beetles, Deer Flies, Deer Ticks, Dermestid Beetles, Dog Fleas, Dried Fruit Beetles, Drugstore Beetles, Earwigs, Face Flies, Fannia Flies, Firebrats, Flat Grain Beetles, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, Hornets, Horse Flies, House Flies, Indian Meal Moths, Khapra Beetles, Lesser Grain Borers, Lesser House Flies, Lice, Med. Flour Moths, Merchant Grain Beetles, Midges, Miller Moths, Millipedes, Mosquitoes- including the Culex species that may carry and transmit the West Nile Virus, Palmetto Bugs, Pillbugs, Poultry Lice, Red Flour Beetles, Rice Flour Beetles, Rice Weevils, Rusty Grain Beetles, Saw-toothed Grain Beetles, Sheep Ticks, Silverfish, Skipper Flies, Small Flying Moths, Sowbugs, Spider Beetles, Stable Flies, Stink Bugs, Ticks that may carry and transmit Lyme disease, Tobacco Moths, Trogoderma Beetles, Warehouse Beetles, Wasps, Waterbugs, Yellow Jackets, Yellow Mealworms.

#### INDOOR AREAS for use in :

Animal Areas, Apartments, Atriums, Attics, , Automobiles, , Bars, Basements, Bathrooms, Bedding, Bedrooms, , Beverage Plants, Boats, Bookcases, Cabinets, Cabins Campers, Carpets, Cat Sleeping Quarters, Chests, Closed Porches, Closets, Clothes Storage, Condominiums, Crawl Spaces, Credenzas, Dog Houses, Dog Sleeping Quarters, Dormitories, Draperies, Dressers, Dumpsters, Dwellings, False Ceilings, Floors, Food Storage Areas, Furniture, Garages, Garbage Bins, Garbage Cans, Garbage Compactors, Gazebos, , Homes, Horse Stables, Horse Trailers, Hotels, Household Contents, Houses, Kennels, Kitchens, Living Rooms, Mattresses, Mini Storage, Mobile Homes Pantries, Pet Bedding, Pet Carriers, Pet Grooming Parlors, Pet Sleeping Areas, Pet Stores, Play Houses, Play Rooms, Porches, Recreational Vehicles, Rooms, Rugs, Sun Porches, Sun Rooms, Tree Houses, Wine Cellars

#### OUTDOOR AREAS for uses in and around, :

Back Yards, Balconies, Kennels, Lanais, Patios, Rooftops, Wood Piles.

#### FOR USE ON :

Horses

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Read all directions completely before use. For best results, follow directions for specific use areas. Do not use this product in or on electrical equipment due to possibility of shock. Avoid contamination of food and feedstuffs. Remove pets and birds and cover fish aquariums before spraying.

#### PRECAUTIONS AND RESTRICTIONS:

##### Entry Restrictions

##### For surface spray use

- Do not allow adults, children, or pets to enter the treated area until sprays have dried.

##### Application Restrictions:

- Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.
- Remove pets, birds, and cover fish aquariums before spraying.
- Do not make applications during rain.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- Do not wet plants to point of runoff or drip.
- Do not water the treated area to the point of run-off.
- Do not wet articles to point of runoff or drip.
- Do not use treated article until spray has dried.
- Remove or cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.
- Except for use with fogging devices, all outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  - Treatment to soil or vegetation around structures;
  - Applications to lawns, turf, and other vegetation;
  - Applications to building foundations, up to a maximum height of 3 feet.
- Other than applications to building foundation, all outdoor applications to impervious surfaces such as sidewalks and patios, are limited to spot and crack-and-crevice applications only.

#### GENERAL:

The use of this product in food-processing establishments should be confined to time periods when the plant is not in operation. Food should be removed or covered during treatment. All food-processing surfaces should be covered during treatment or thoroughly cleaned before using.

For maximum effectiveness, follow the application instructions and use a combination of spot, surface, and fogging treatments.

**SPACE SPRAYING:** Use with conventional mechanical or compressed air equipment to kill exposed accessible stages of, : Flies (including Fruit Flies), Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Box Elder Bugs, Earwigs, Ants, and the following common Stored Product Pests: Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Meal Worms, Dark Meal Worms, Grain Mites, Cadelles, Red Flour Beetles, and other listed insects. Close room and shut off air conditioning or ventilating equipment. Apply at the rate of 1–1.5 fluid ounces of undiluted product per 1000 cubic feet of space. Direct spray toward ceiling and upper corners of room. Leave room closed for one-half (½) hour and ventilate thoroughly before re-entry.

**SURFACE SPRAYING:** To kill Cockroaches, Ants, Asian Lady Beetles, Brown Marmorated Stink Bugs (BMSB), Box Elder Bugs, Stink Bugs, Silverfish, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Saw-toothed Grain Beetles, Spiders Beetles, Cigarette Beetles, and other listed insects, use a sprayer adjusted to a coarse, wet spray. Mix well and apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft.] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft.] First direct spray into all cracks and crevices, and then behind all equipment, cupboards, obstructions or dark harborage areas, walls, and floors, underneath sinks, behind pipes, beneath stoves and refrigerators, around garbage cans and cabinets, along baseboards, door sills, window sills, door and window frames and floors, around and on drains, pipes, and plumbing, behind bookcases, storage, and other utility installation areas and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Do not allow spray to contact stored food. To kill ants, treat doors and around window frames and other areas of entry. Spray on ants whenever possible.

**CLOTHES MOTHS:** Remove any infested articles from storage. Brush thoroughly and air for several hours in sunlight, if possible. Apply liberally to empty chests, closets, bureaus, and other storage areas, directing the spray into cracks, joints, and crevices. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft.] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft.]

**CARPET BEETLES:** Directly spray as many insects as possible. Spray all surfaces of upholstered furniture. Thoroughly spray both top and bottom of rugs and carpets when possible. Also treat shelves, closets, floors, walls, windowsills, baseboards, areas under furniture, and wherever these insects are seen or suspected. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft.] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft.]

**BED BUGS:** Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings, floors, walls, furniture, and other infested areas. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft.] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft.]

**FOR USE IN LISTED PET AREAS:** Remove, destroy, or wash pet's old bedding. To reduce infestation, thoroughly spray animal's bedding, sleeping quarters, and kennel, around baseboards, window and door frames, wall cracks, local areas of floors, and other resting places until the surface is slightly moist. Also spray the entire inside surface of doghouses. Put fresh bedding in pet's quarters after spray has dried. Allow treated areas to dry thoroughly before allowing pets to re-enter. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft.] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft.]

**FLEA AND TICK INFESTATION IN RUGS AND CARPETS:** Prior to use, vacuum all infested areas thoroughly and dispose of vacuum bag in outside trash. Spray rugs and carpets where fleas tend to hide, usually where animals frequent. Spray thoroughly into hiding places such as cracks and crevices, in walls and along floors, baseboards, and window and door frames. To kill ticks and other labeled insects, apply directly to pests. Treat pets with an EPA registered [brand name] product in conjunction with this application. Apply at the rate of 1 Gallon of undiluted spray mixture per 750 sq. ft. [Apply at the rate of 32 fl. oz. of undiluted spray mixture per 375 sq. ft.] [Apply at the rate of 16 fl. oz. of undiluted spray mixture per 188 sq. ft.]

For best results and to protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick products, ([such as] [brand name] flea or flea and tick collar, [brand name] pet powder [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick pet shampoo) in conjunction with this application.

#### FOR USE ONHORSES:

To protect Horses, from attacks and to kill and repel Stable Flies, Horse Flies, Deer Flies, House Flies, Horn Flies, Lesser House Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, and Gnats, spray about 3 seconds on each side of animal, being careful to thoroughly spray back, withers, and forelegs.

To protect from Face Flies, spray the face and hair or spray on a cloth and rub on the face, being certain to avoid contact with the eyes. Repeat treatment as necessary when flies are troublesome.

For effective control of Biting and Sucking Lice, Horses, spray to thoroughly wet the hair of the animal, including the head and brush of the tail. Repeat treatment in 10 days to kill newly hatched lice.

**FOR USE WITH HAND-HELD MECHANICAL FOGGERS** to control Houseflies, Horn Flies, Stable Flies, Horse Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Gnats, and other listed insects. Direct spray toward the ceiling and upper corners of the room  
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until the area is filled with mist, approximately 2 fluid ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for 10–15 minutes after spraying. Applicator should vacate the treated area and ventilate it before reoccupying.

**OUTDOOR USE:** This spray can be used as is or diluted at the rate of 1 part concentrate to 2 parts water for a concentration of 0.05% Pyrethrins.

Caution should be taken to avoid spraying when wind conditions might create a mist that can blow back to applicator. Do not apply this product in or around bodies of water. Do not spray directly on plants. Spray surfaces and contact as many insects as possible.

**FLIES, GNATS, MOSQUITOES, SMALL FLYING MOTHS, MIDGES, small flying insects, and other flying insects:** Hold container 18–24 inches from shrubs, bushes, grassy areas, and other areas infested with these pests. Do not apply directly to plants. Spray with a slow, sweeping motion while moving away from the treated area. To reduce annoyance from these pests, treat open porches and patios in a similar manner. Kills and repels Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Midges, Gnats, and, when used intermittently during outdoor activities, will keep surrounding areas free from these pests. Allow spray to dissipate before occupying the treated area.

**ANTS (including Black Carpenter Ants):** Spray ant trails, anthills, and other areas of entry and infestation. Spray on ants where possible.

**SPIDERS:** Spray directly on spiders and webs.

**SOWBUGS, MILLIPEDES, BEETLES, EARWIGS, Asian Lady Beetles, Brown Marmorated Stink Bugs (BMSB), Box Elder Bugs, Stink Bugs, Pillbugs, Centipedes, Scorpions, Cockroaches, Crickets, Waterbugs, and Palmetto Bugs:** Thoroughly spray surfaces and into hiding places such as cracks, crevices, moist areas, openings around pipes, spigots, storage areas, sheds, and other areas where these pests tend to congregate.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

### **Pesticide Storage**

Store in a cool, dry area. Always store pesticides in the original container. Store away from food and pet food.

### **Pesticide Disposal and Container Handling**

Nonrefillable container. Do not reuse or refill this container.

If empty:

Place in trash or offer for recycling if available.

If partly filled:

Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.